

CLAIMS

What is claimed is:

1. A headset, comprising:

an audio receiver;

5 a headset body to which the audio receiver is coupled, the headset body
being configured to position the audio receiver near a headset user's ear;
a microphone located within one of the audio receiver and the headset body;
and
a flexible voice tube coupled to one of the headset body and the audio
10 receiver, the flexible voice tube defining a lumen therein extending
between an open end of the flexible voice tube to the microphone for
acoustic transmission between the open end of the voice tube and the
microphone, the flexible voice tube being bendable into a curvilinear
operative shape and position while preventing kinking of the flexible
15 voice tube, the flexible voice tube generally retaining its curvilinear
operative shape and position throughout its operative use until further
adjustment.

2. The headset of claim 1, wherein the flexible voice tube is a spiral wound
stainless steel flexible gooseneck tubing.

20 3. The headset of claim 1, wherein the flexible voice tube is a spiral wound
flexible gooseneck tubing, the gooseneck voice tube including copper wiring wrapped in
stainless steel wire.

4. The headset of claim 1, wherein the flexible voice tube includes a shrink tubing over a stainless steel flexible tubing.

5. The headset of claim 1, wherein the flexible voice tube includes a rigid collar at the open end thereof.

5 6. The headset of claim 1, wherein the headset body is selected from an earloop, earhook, and a headband.

7. The headset of claim 1, wherein the curvilinear operative shape and position is between a bendable limit and an unbent position, the bendable limit of the flexible voice tube being a point at which further bending of the flexible voice tube causes at least one of spring back to approximately the bendable limit, damage to the flexible voice tube, and permanent deformation of the flexible voice tube.

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8. A voice tube, comprising:

a kink-resistant flexible tubular member having an open end and an
opposing end, the opposing end being configured to be coupled to a
microphone, the flexible tubular member being configured to be
5 bendable into a curvilinear operative shape and preventing formation of
kinks in the flexible tubular member, the flexible tubular member being
configured to generally retain its curvilinear operative shape throughout
its operative use until further adjustment is made thereto; and
a lumen defined by the flexible tubular member extending between the open
10 end and the opposing end for acoustic transmission between the open
end and the microphone.

9. The voice tube of claim 8, wherein the flexible tubular member is a
gooseneck member.

10. The voice tube of claim 8, wherein the flexible tubular member is a spiral
15 wound stainless steel flexible gooseneck tubing.

11. The voice tube of claim 8, wherein the flexible tubular member is a spiral
wound flexible gooseneck tubing, the gooseneck voice tube including copper wiring
wrapped in stainless steel wire.

12. The voice tube of claim 8, wherein the flexible tubular member includes a
20 shrink tubing over a stainless steel flexible tubing.

13. The voice tube of claim 8, wherein the flexible tubular member includes a rigid collar at the open end thereof.

14. The voice tube of claim 8, wherein the curvilinear operative shape is between a bendable limit and an unbent position, the bendable limit of the flexible
5 tubular member being a point at which further bending of the flexible tubular member causes at least one of spring back to approximately the bendable limit, damage to the flexible tubular member, and permanent deformation of the flexible tubular member.

15. A headset, comprising:

an audio receiver;

10 a headset body to which the audio receiver is coupled, the headset body being configured to position the audio receiver near a headset user's ear;
a microphone located within one of the audio receiver and the headset body;
and

acoustic transmission means for acoustic transmission between an open end
15 thereof and the microphone via a lumen defined by said acoustic transmission means extending between the open end and the microphone, said acoustic transmission means being kink resistant and adjustable into a curvilinear operative shape and generally retaining the curvilinear operative shape until further adjustment is made thereto.

20 16. The headset of claim 15, wherein the flexible voice tube is a spiral wound stainless steel flexible gooseneck tubing.

17. The headset of claim 15, wherein the acoustic transmission means is selected from the group consisting of:

a spiral wound flexible gooseneck tubing, the gooseneck voice tube including copper wiring wrapped in stainless steel wire; and
5 a shrink tubing over a stainless steel flexible tubing.

18. The headset of claim 15, wherein the acoustic transmission means includes a rigid collar at the open end thereof.

19. The headset of claim 15, wherein the headset body is selected from an earloop, earhook, and a headband.

10 20. The headset of claim 15, wherein the curvilinear operative shape is between a bendable limit and an unbent position, the bendable limit of the acoustic transmission means being a point at which further bending of the acoustic transmission means causes at least one of spring back to approximately the bendable limit, damage to the acoustic transmission means, and permanent deformation of the acoustic transmission means.